

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/568,471
Source: IFWO
Date Processed by STIC: 2/23/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/568,471

CRF Edit Date: 2/24/06
Edited by: [Signature]

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

✓ Inserted mandatory headings/numeric identifiers, specifically:

<2207 in sequence 273

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWO

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DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:48

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3 <110> APPLICANT: ABURATANI, Hiroyuki;
 4 HIPPO, Yoshitaka
 5 TANIGUCHI, Hirokazu
 6 CHEN, Yong xin
 7 ISHIKAWA, Shumpei
 8 FUKUMOTO, Shin-ichi
 9 SHIMAMURA, Takahiro
 10 KAMIMURA, Naoko
 11 GUO, Ying qiu
 12 YAMAMOTO, Shogo
 13 ITO, Yukio
 14 ITO, Hirotaka
 15 OHTOMO, Toshihiko

W--> 16 <120> TITLE OF INVENTION: Genes Highly Expressed in Cancers
 W--> 17 <130> FILE REFERENCE: 392.1004
 C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/568,471
 C--> 18 <141> CURRENT FILING DATE: 2006-02-08
 18 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/011650
 19 <151> PRIOR FILING DATE: 2004-08-06
 20 <150> PRIOR APPLICATION NUMBER: JP 2003-290704
 21 <151> PRIOR FILING DATE: 2003-08-08

W--> 22 <160> NUMBER OF SEQ ID: 292
 23 <170> SOFTWARE: PatentIn version 3.1

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 25 <211> LENGTH: 19341
 26 <212> TYPE: DNA
 27 <213> ORGANISM: homo sapiens

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204	tttgccgaaa	atgtctttct	aggagatcag	aattcaattg	atattttcat	ctgggagatg	10560
205	ggacagtctt	ccttcaggta	ttttcagttt	gtagattttg	ctgctgttaa	cagaatccac	10620
206	tccttcacac	cagcctcagg	aatagcccac	atacttctta	ttgggccaag	atatgtctac	10680
207	tcttttactg	ctggaaattc	ggagcgtaat	caattctctt	ttgttctgga	agtaccttct	10740
208	gcttatgatg	tgggtttctgt	tacagtaaag	tcccttaatt	caagcaagaa	tttaatatgct	10800
209	ctagtgggag	ctcattcaca	tatatatgag	ctagcctaca	tttccagcca	ttctgacttt	10860
210	attcctagtt	cagggtgaact	gatatttgaa	cctggtgaga	gagaagctac	aatagcagta	10920
211	aatatccttg	atgatacagt	tccagaaaaa	gaagaatcct	tcaaagttca	acttaaaaat	10980
212	cccaaaggag	gagcagagat	tggcattaat	gattctgtaa	caataaccat	tctgtctaata	11040
213	gatgatgcct	atggaattgt	tgcatttgct	cagaattcat	tatataagca	agtggaagaa	11100
214	atggagcaag	atagcctagt	aaccttgaac	gttgaacgct	taaaaggaac	atatggccgt	11160
215	ataaccatag	catgggaagc	tgatggaagt	attagtgata	tatttcctac	ctcaggagtg	11220
216	attttatttta	ctgaaggcca	ggtactgtca	acaatcactc	taactattct	tgctgataat	11280
217	ataccagagt	tatcagagggt	tgtgattgta	accctcacc	gtatcaccac	agaaggggtt	11340
218	gaggactcat	acaaagggtgc	tactattgat	caggacagaa	gcaagtctgt	tataacaact	11400
219	ttgcccgaatg	actcaccttt	tggcttggtg	ggctggcgtg	ctgctctgt	cttcattaga	11460
220	gtagcagagc	ctaaagaaaa	caccaccact	cttcagttac	aaatagctcg	agataaagga	11520
221	ctacttgggg	atattgccat	tcacttgaga	gctcaaccca	atttcttact	gcatgtcgat	11580
222	aatcaagcta	ctgagaatga	agattatgta	ttgcaagaaa	caataataat	aatgaaagaa	11640
223	aacataaaaag	aagctcatgc	cgaagtttcc	attttgccgg	atgaccttcc	tgaattggag	11700
224	gaaggatttta	ttgtcactat	cactgagggtg	aacctgggtga	actctgactt	ctctacagga	11760
225	cagccaagtg	tgcggaggcc	cggaatggaa	atagctgaga	taatgataga	agaaaatgac	11820
226	gatcccagag	gaatttttat	gtttcatgtt	actagaggcg	ctggggaagt	tattactgcc	11880
227	tatgagggtgc	ctccaccctt	gaacgttctt	caagttcctg	tagtccggct	ggctggaagc	11940
228	tttggggcag	taaatgttta	ttggaaagca	taccagaca	gtgctggcct	ggaagacttt	12000
229	aaaccatctc	atgggattct	tgaatttgca	gataaacagg	ttactgcaat	gatagaaatc	12060
230	accataattg	atgatgctga	atttgaattg	acagagacgt	tcaatatttc	cttgatcagt	12120
231	gttgctggag	gtggcagact	tggatgatga	gttggtgtaa	ctgttggtat	tccacaaaat	12180
232	gattctccat	ttggagtatt	tggatttgaa	gaaaagactg	taatgattga	tgaatccctt	12240
233	tcacccgatg	acctgatctc	atatgtgaca	ttgacgggtg	tccgggtccc	aggaggaaaa	12300
234	ggaaccgtcc	gacttgagtgc	gaccatagat	gagaaggcta	aacataacct	tagtcctttg	12360
235	aatgggaccc	ttcattttga	tgagactgag	tcccagaaga	ccattgtgtt	gcacacactt	12420
236	caagacacag	tgttgaggga	ggacaggcgt	ttcaccattc	agctgatatc	aattgatgag	12480
237	gtagaaatat	ctccagtaaa	aggtagtgc	tcaataatta	ttcgggggtga	taagcgagca	12540
238	tcaggagaag	ttgggatagc	tccgtcatct	aggcacatcc	tcattgggga	acctcagca	12600
239	aaatataatg	gtaccgctat	tatcagcctt	gttcgaggcc	cagggtttt	gggggagggtc	12660

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/24/2006
PATENT APPLICATION: US/10/568,471 TIME: 16:50:49

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\02242006\J568471.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 435,652

Seq#:16; N Pos. 1,3,5,416,424,463,474

VERIFICATION SUMMARY

DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242006\J568471.raw

L:16 M:283 W: Missing Blank Line separator, <120> field identifier
L:17 M:283 W: Missing Blank Line separator, <130> field identifier
L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:22 M:283 W: Missing Blank Line separator, <160> field identifier
L:24 M:283 W: Missing Blank Line separator, <210> field identifier
L:28 M:283 W: Missing Blank Line separator, <400> field identifier
L:356 M:283 W: Missing Blank Line separator, <400> field identifier
L:394 M:283 W: Missing Blank Line separator, <400> field identifier
L:415 M:283 W: Missing Blank Line separator, <400> field identifier
L:428 M:283 W: Missing Blank Line separator, <220> field identifier
L:432 M:283 W: Missing Blank Line separator, <220> field identifier
L:436 M:283 W: Missing Blank Line separator, <400> field identifier
L:444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:420
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
L:453 M:283 W: Missing Blank Line separator, <400> field identifier
L:465 M:283 W: Missing Blank Line separator, <400> field identifier
L:498 M:283 W: Missing Blank Line separator, <400> field identifier
L:563 M:283 W: Missing Blank Line separator, <400> field identifier
L:612 M:283 W: Missing Blank Line separator, <400> field identifier
L:627 M:283 W: Missing Blank Line separator, <400> field identifier
L:661 M:283 W: Missing Blank Line separator, <400> field identifier
L:689 M:283 W: Missing Blank Line separator, <400> field identifier
L:704 M:283 W: Missing Blank Line separator, <400> field identifier
L:740 M:283 W: Missing Blank Line separator, <400> field identifier
L:802 M:283 W: Missing Blank Line separator, <220> field identifier
L:806 M:283 W: Missing Blank Line separator, <220> field identifier
L:810 M:283 W: Missing Blank Line separator, <220> field identifier
L:814 M:283 W: Missing Blank Line separator, <220> field identifier
L:818 M:283 W: Missing Blank Line separator, <220> field identifier
L:822 M:283 W: Missing Blank Line separator, <220> field identifier
L:826 M:283 W: Missing Blank Line separator, <220> field identifier
L:830 M:283 W: Missing Blank Line separator, <400> field identifier
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:360
L:838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:420
L:843 M:283 W: Missing Blank Line separator, <400> field identifier
L:1022 M:283 W: Missing Blank Line separator, <400> field identifier
L:1060 M:283 W: Missing Blank Line separator, <400> field identifier
L:1093 M:283 W: Missing Blank Line separator, <400> field identifier
L:1144 M:283 W: Missing Blank Line separator, <400> field identifier
L:1201 M:283 W: Missing Blank Line separator, <400> field identifier
L:1235 M:283 W: Missing Blank Line separator, <400> field identifier
L:1250 M:283 W: Missing Blank Line separator, <400> field identifier
L:1303 M:283 W: Missing Blank Line separator, <400> field identifier
L:1372 M:283 W: Missing Blank Line separator, <400> field identifier
L:1456 M:283 W: Missing Blank Line separator, <400> field identifier
L:1492 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242006\J568471.raw

L:1540 M:283 W: Missing Blank Line separator, <400> field identifier
L:1591 M:283 W: Missing Blank Line separator, <400> field identifier
L:1613 M:283 W: Missing Blank Line separator, <400> field identifier
L:1697 M:283 W: Missing Blank Line separator, <400> field identifier
L:1774 M:283 W: Missing Blank Line separator, <400> field identifier
L:1823 M:283 W: Missing Blank Line separator, <400> field identifier
L:1842 M:283 W: Missing Blank Line separator, <400> field identifier
L:1882 M:283 W: Missing Blank Line separator, <400> field identifier
L:1913 M:283 W: Missing Blank Line separator, <400> field identifier
L:1931 M:283 W: Missing Blank Line separator, <400> field identifier
L:2007 M:283 W: Missing Blank Line separator, <400> field identifier
L:2118 M:283 W: Missing Blank Line separator, <400> field identifier
L:2183 M:283 W: Missing Blank Line separator, <400> field identifier
L:2230 M:283 W: Missing Blank Line separator, <400> field identifier
L:2295 M:283 W: Missing Blank Line separator, <400> field identifier
L:2339 M:283 W: Missing Blank Line separator, <400> field identifier
L:2469 M:283 W: Missing Blank Line separator, <400> field identifier
L:2506 M:283 W: Missing Blank Line separator, <400> field identifier
L:2525 M:283 W: Missing Blank Line separator, <400> field identifier
L:2549 M:283 W: Missing Blank Line separator, <400> field identifier
L:2572 M:283 W: Missing Blank Line separator, <400> field identifier
L:2610 M:283 W: Missing Blank Line separator, <400> field identifier
L:2645 M:283 W: Missing Blank Line separator, <400> field identifier
L:2704 M:283 W: Missing Blank Line separator, <400> field identifier
L:2756 M:283 W: Missing Blank Line separator, <400> field identifier
L:2783 M:283 W: Missing Blank Line separator, <400> field identifier
L:2817 M:283 W: Missing Blank Line separator, <400> field identifier
L:2869 M:283 W: Missing Blank Line separator, <400> field identifier
L:2905 M:283 W: Missing Blank Line separator, <400> field identifier
L:2919 M:283 W: Missing Blank Line separator, <400> field identifier
L:2974 M:283 W: Missing Blank Line separator, <400> field identifier
L:3086 M:283 W: Missing Blank Line separator, <400> field identifier
L:3105 M:283 W: Missing Blank Line separator, <400> field identifier
L:3139 M:283 W: Missing Blank Line separator, <400> field identifier
L:3183 M:283 W: Missing Blank Line separator, <400> field identifier
L:3265 M:283 W: Missing Blank Line separator, <400> field identifier
L:3363 M:283 W: Missing Blank Line separator, <400> field identifier
L:3460 M:283 W: Missing Blank Line separator, <400> field identifier
L:3491 M:283 W: Missing Blank Line separator, <400> field identifier
L:3522 M:283 W: Missing Blank Line separator, <400> field identifier
L:3573 M:283 W: Missing Blank Line separator, <400> field identifier
L:3624 M:283 W: Missing Blank Line separator, <400> field identifier
L:3647 M:283 W: Missing Blank Line separator, <400> field identifier
L:3706 M:283 W: Missing Blank Line separator, <400> field identifier
L:3821 M:283 W: Missing Blank Line separator, <400> field identifier
L:4282 M:283 W: Missing Blank Line separator, <400> field identifier
L:4337 M:283 W: Missing Blank Line separator, <400> field identifier
L:4408 M:283 W: Missing Blank Line separator, <400> field identifier
L:4453 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242006\J568471.raw

L:5292 M:283 W: Missing Blank Line separator, <400> field identifier
L:5357 M:283 W: Missing Blank Line separator, <400> field identifier
L:5420 M:283 W: Missing Blank Line separator, <400> field identifier
L:5535 M:283 W: Missing Blank Line separator, <400> field identifier
L:5572 M:283 W: Missing Blank Line separator, <400> field identifier
L:5605 M:283 W: Missing Blank Line separator, <400> field identifier
L:5660 M:283 W: Missing Blank Line separator, <400> field identifier
L:5779 M:283 W: Missing Blank Line separator, <400> field identifier
L:5908 M:283 W: Missing Blank Line separator, <400> field identifier
L:6037 M:283 W: Missing Blank Line separator, <400> field identifier
L:6098 M:283 W: Missing Blank Line separator, <400> field identifier
L:6161 M:283 W: Missing Blank Line separator, <400> field identifier
L:6266 M:283 W: Missing Blank Line separator, <400> field identifier
L:6301 M:283 W: Missing Blank Line separator, <400> field identifier
L:6392 M:283 W: Missing Blank Line separator, <400> field identifier
L:6493 M:283 W: Missing Blank Line separator, <400> field identifier
L:6586 M:283 W: Missing Blank Line separator, <400> field identifier
L:6605 M:283 W: Missing Blank Line separator, <400> field identifier
L:6664 M:283 W: Missing Blank Line separator, <400> field identifier
L:6723 M:283 W: Missing Blank Line separator, <400> field identifier
L:6750 M:283 W: Missing Blank Line separator, <400> field identifier
L:6867 M:283 W: Missing Blank Line separator, <400> field identifier
L:6910 M:283 W: Missing Blank Line separator, <400> field identifier
L:7037 M:283 W: Missing Blank Line separator, <400> field identifier
L:7084 M:283 W: Missing Blank Line separator, <400> field identifier
L:7213 M:283 W: Missing Blank Line separator, <400> field identifier
L:7256 M:283 W: Missing Blank Line separator, <400> field identifier
L:7469 M:283 W: Missing Blank Line separator, <400> field identifier
L:7546 M:283 W: Missing Blank Line separator, <400> field identifier
L:7569 M:283 W: Missing Blank Line separator, <400> field identifier
L:7606 M:283 W: Missing Blank Line separator, <400> field identifier
L:7631 M:283 W: Missing Blank Line separator, <400> field identifier
L:7712 M:283 W: Missing Blank Line separator, <400> field identifier
L:7751 M:283 W: Missing Blank Line separator, <400> field identifier
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L:7981 M:283 W: Missing Blank Line separator, <400> field identifier
L:8014 M:283 W: Missing Blank Line separator, <400> field identifier
L:8047 M:283 W: Missing Blank Line separator, <400> field identifier
L:8096 M:283 W: Missing Blank Line separator, <400> field identifier
L:8171 M:283 W: Missing Blank Line separator, <400> field identifier
L:8190 M:283 W: Missing Blank Line separator, <400> field identifier
L:8287 M:283 W: Missing Blank Line separator, <400> field identifier
L:8334 M:283 W: Missing Blank Line separator, <400> field identifier
L:8361 M:283 W: Missing Blank Line separator, <400> field identifier
L:8374 M:283 W: Missing Blank Line separator, <400> field identifier
L:8427 M:283 W: Missing Blank Line separator, <400> field identifier
L:8560 M:283 W: Missing Blank Line separator, <400> field identifier
L:8566 M:283 W: Missing Blank Line separator, <400> field identifier
L:8572 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242006\J568471.raw

L:8578 M:283 W: Missing Blank Line separator, <400> field identifier
L:8584 M:283 W: Missing Blank Line separator, <400> field identifier
L:8590 M:283 W: Missing Blank Line separator, <400> field identifier
L:8596 M:283 W: Missing Blank Line separator, <400> field identifier
L:8602 M:283 W: Missing Blank Line separator, <400> field identifier
L:8608 M:283 W: Missing Blank Line separator, <400> field identifier
L:8614 M:283 W: Missing Blank Line separator, <400> field identifier
L:8620 M:283 W: Missing Blank Line separator, <400> field identifier
L:8626 M:283 W: Missing Blank Line separator, <400> field identifier
L:8632 M:283 W: Missing Blank Line separator, <400> field identifier
L:8638 M:283 W: Missing Blank Line separator, <400> field identifier
L:8644 M:283 W: Missing Blank Line separator, <400> field identifier
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L:8656 M:283 W: Missing Blank Line separator, <400> field identifier
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L:8806 M:283 W: Missing Blank Line separator, <400> field identifier
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L:8848 M:283 W: Missing Blank Line separator, <400> field identifier
L:8854 M:283 W: Missing Blank Line separator, <400> field identifier
L:8860 M:283 W: Missing Blank Line separator, <400> field identifier
L:8866 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242006\J568471.raw

L:8872 M:283 W: Missing Blank Line separator, <400> field identifier
L:8878 M:283 W: Missing Blank Line separator, <400> field identifier
L:8884 M:283 W: Missing Blank Line separator, <400> field identifier
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L:8896 M:283 W: Missing Blank Line separator, <400> field identifier
L:8902 M:283 W: Missing Blank Line separator, <400> field identifier
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L:9154 M:283 W: Missing Blank Line separator, <400> field identifier
L:9160 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242006\J568471.raw

L:9166 M:283 W: Missing Blank Line separator, <400> field identifier
L:9172 M:283 W: Missing Blank Line separator, <400> field identifier
L:9178 M:283 W: Missing Blank Line separator, <400> field identifier
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L:9190 M:283 W: Missing Blank Line separator, <400> field identifier
L:9196 M:283 W: Missing Blank Line separator, <400> field identifier
L:9202 M:283 W: Missing Blank Line separator, <400> field identifier
L:9208 M:283 W: Missing Blank Line separator, <400> field identifier
L:9214 M:283 W: Missing Blank Line separator, <400> field identifier
L:9220 M:283 W: Missing Blank Line separator, <400> field identifier
L:9226 M:283 W: Missing Blank Line separator, <400> field identifier
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L:9280 M:283 W: Missing Blank Line separator, <400> field identifier
L:9286 M:283 W: Missing Blank Line separator, <400> field identifier
L:9292 M:283 W: Missing Blank Line separator, <400> field identifier
L:9298 M:283 W: Missing Blank Line separator, <400> field identifier
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L:9356 M:283 W: Missing Blank Line separator, <400> field identifier
L:9362 M:283 W: Missing Blank Line separator, <400> field identifier
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L:9411 M:283 W: Missing Blank Line separator, <400> field identifier
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L:9423 M:283 W: Missing Blank Line separator, <400> field identifier
L:9472 M:283 W: Missing Blank Line separator, <400> field identifier
L:9488 M:283 W: Missing Blank Line separator, <400> field identifier
L:9494 M:283 W: Missing Blank Line separator, <400> field identifier
L:9551 M:283 W: Missing Blank Line separator, <400> field identifier
L:9584 M:283 W: Missing Blank Line separator, <400> field identifier
L:9619 M:283 W: Missing Blank Line separator, <400> field identifier
L:9650 M:283 W: Missing Blank Line separator, <400> field identifier
L:9681 M:283 W: Missing Blank Line separator, <400> field identifier
L:9714 M:283 W: Missing Blank Line separator, <400> field identifier
L:9720 M:283 W: Missing Blank Line separator, <400> field identifier
L:9726 M:283 W: Missing Blank Line separator, <400> field identifier
L:9732 M:283 W: Missing Blank Line separator, <400> field identifier
L:9738 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY

DATE: 02/24/2006

PATENT APPLICATION: US/10/568,471

TIME: 16:50:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242006\J568471.raw

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L:9784 M:283 W: Missing Blank Line separator, <400> field identifier
L:9851 M:283 W: Missing Blank Line separator, <400> field identifier
L:9857 M:283 W: Missing Blank Line separator, <400> field identifier
L:9863 M:283 W: Missing Blank Line separator, <400> field identifier
L:9869 M:283 W: Missing Blank Line separator, <400> field identifier
L:9875 M:283 W: Missing Blank Line separator, <400> field identifier
L:9881 M:283 W: Missing Blank Line separator, <400> field identifier
L:9888 M:283 W: Missing Blank Line separator, <400> field identifier
L:9894 M:283 W: Missing Blank Line separator, <400> field identifier
L:9900 M:283 W: Missing Blank Line separator, <400> field identifier
L:9957 M:283 W: Missing Blank Line separator, <400> field identifier
L:9963 M:283 W: Missing Blank Line separator, <400> field identifier
L:9969 M:283 W: Missing Blank Line separator, <400> field identifier
L:9975 M:283 W: Missing Blank Line separator, <400> field identifier
L:9981 M:283 W: Missing Blank Line separator, <400> field identifier
L:9987 M:283 W: Missing Blank Line separator, <400> field identifier
L:9993 M:283 W: Missing Blank Line separator, <400> field identifier
L:10000 M:283 W: Missing Blank Line separator, <400> field identifier
L:10006 M:283 W: Missing Blank Line separator, <400> field identifier

**Raw Sequence Listing before editing
(for reference only)**



IFWP

RAW SEQUENCE LISTING

DATE: 02/23/2006

PATENT APPLICATION: US/10/568,471

TIME: 14:31:04

Input Set : A:\Sequence Listing of Gene Overexpressed in Cancer.txt

Output Set: N:\CRF4\02232006\J568471.raw

**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: ABURATANI, Hiroyuki;
 4 HIPPO, Yoshitaka
 5 TANIGUCHI, Hirokazu
 6 CHEN, Yong xin
 7 ISHIKAWA, Shumpei
 8 FUKUMOTO, Shin-ichi
 9 SHIMAMURA, Takahiro
 10 KAMIMURA, Naoko
 11 GUO, Ying qiu
 12 YAMAMOTO, Shogo
 13 ITO, Yukio
 14 ITO, Hirotaka
 15 OHTOMO, Toshihiko
 W--> 16 <120> TITLE OF INVENTION: Genes Highly Expressed in Cancers
 W--> 17 <130> FILE REFERENCE: 392.1004
 W--> 18 <140> CURRENT APPLICATION NUMBER: PCT/JP2004/011650
 C--> 19 <141> CURRENT FILING DATE: 2006-02-08
 20 <150> PRIOR APPLICATION NUMBER: JP 2003-290704
 21 <151> PRIOR FILING DATE: 2003-08-08
 W--> 22 <160> NUMBER OF SEQ ID: 292
 23 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

9734 <210> SEQ ID NO: 273
 9735 <211> LENGTH: 2233
 9736 <212> TYPE: DNA
 9737 <213> ORGANISM: homo sapiens
 9738 <221> NAME/KEY: CDS
 9739 <222> LOCATION: (281)..(1768)
 E--> 9740 <400> SEQUENCE: 273

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9742	gcggagcccc agctgcggag gccgacggca cccggccccg agcgcctcga cgccgagccg	120
9743	cgcgcgcctt ctccgccagg cccggcggggc gggagcgggg gcgagggagc aggagcggcc	180
9744	agtgcctccg acaccccccgc cccggcaccc ccggcccggc atcccccgcc gccgcgcgcg	240
9745	ccgcctcaag gccgcgcgct cccgcaggt ggacgcggcc atgggcccag ggggtgcgcgt	300
9746	gctgctgctg ctgagcctgc tgcactgcgc cgggggcagc gagggcagga agacctggcg	360
9747	gcgcgggggt cagcagccgc ctctctcccc gcggaccgag gcggcgccgg cgcccgga	420
9748	gcccgtggag agcttccccgc tggacttcac ggccgtggag ggtaacatgg acagcttcat	480
9749	ggcgcaagtc aagagccttg cgcagctccct gtacctctgc tccgcgcagc agctcaacga	540
9750	ggacctgcgc ctgcacctcc tactcaacac ctcggtgacc tgcaacgacg gcagccccgc	600
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RAW SEQUENCE LISTING

DATE: 02/23/2006

PATENT APPLICATION: US/10/568,471

TIME: 14:31:05

Input Set : A:\Sequence Listing of Gene Overexpressed in Cancer.txt

Output Set: N:\CRF4\02232006\J568471.raw

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9754 ggagaacccc tactggtgga acgcaaacat ggtcttcac ccctactgct ccagtgatgt 840
9755 ttggagcggg gcttcatcca agtctgagaa gaacgagtac gccttcatgg gcgccctcat 900
9756 catccaggag gtggtgcggg agcttctggg cagagggctg agcggggcca aggtgctgct 960
9757 gctggccggg agcagcgcg ggggcaccgg ggtgctcctg aatgtggacc gtgtggctga 1020
9758 gcagctggag aagctgggct acccagccat ccaggtgcga ggcctggctg actccggctg 1080
9759 gttcctggac aacaagcagt atcgccacac agaactgcgc gacacgatca cgtgcgcgcc 1140
9760 cacggaggcc atccgccgtg gcatcaggta ctggaacggg gtggtcccgg agcgtgccc 1200
9761 acgccagttc caggagggcg aggagtggaa ctgcttcttt ggctacaagg tctaccgcac 1260
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9763 caacgtgcac ctgacggggc agccgggtgca ggagggcctg cggctgtaca tccagaacct 1380
9764 cggccgcgag ctgcgccaca cactcaagga cgtgccggcc agctttgccc ccgcctgcct 1440
9765 ctcccatgag atcatcatcc ggagccactg gacggatgtc caggtgaagg ggacgtcgct 1500
9766 gccccgagca ctgcactgct gggacaggag cctccatgac agccacaagg ccagcaagac 1560
9767 cccctcaag ggctgccccg tccacctggt ggacagctgc ccctggcccc actgcaaccc 1620
9768 ctcatgcccc accgtccgag accagttcac ggggcaagag atgaacgtgg ccagttcct 1680
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9771 gaggggcccc gacaccgct gcccagtg cactcacc cccaccagca ggccctcccg 1860
9772 tctcttcggg acagggcccc agccgtcccc cctgtctggg tctgcccact gccctcctgc 1920
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9774 ccatctgtgg cctgggggtc ctctctgaca acgagggggg agccagaaga gaagcactgg 2040
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9776 ttattttata aagtgaactt ttattactt taatttttta aaaaaaggaa aataagaata 2160
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9778 aaaaaaaaaa aaa 2233

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VERIFICATION SUMMARY

DATE: 02/23/2006

PATENT APPLICATION: US/10/568,471

TIME: 14:31:06

Input Set : A:\Sequence Listing of Gene Overexpressed in Cancer.txt

Output Set: N:\CRF4\02232006\J568471.raw

L:16 M:283 W: Missing Blank Line separator, <120> field identifier
L:17 M:283 W: Missing Blank Line separator, <130> field identifier
L:18 M:283 W: Missing Blank Line separator, <140> field identifier
L:18 M:270 C: Current Application Number differs, Replaced Current Application Number
L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:22 M:283 W: Missing Blank Line separator, <160> field identifier
L:24 M:283 W: Missing Blank Line separator, <210> field identifier
L:28 M:283 W: Missing Blank Line separator, <400> field identifier
L:356 M:283 W: Missing Blank Line separator, <400> field identifier
L:394 M:283 W: Missing Blank Line separator, <400> field identifier
L:415 M:283 W: Missing Blank Line separator, <400> field identifier
L:428 M:283 W: Missing Blank Line separator, <220> field identifier
L:432 M:283 W: Missing Blank Line separator, <220> field identifier
L:436 M:283 W: Missing Blank Line separator, <400> field identifier
L:444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:420
M:341 Repeated in SeqNo=5
L:453 M:283 W: Missing Blank Line separator, <400> field identifier
L:465 M:283 W: Missing Blank Line separator, <400> field identifier
L:498 M:283 W: Missing Blank Line separator, <400> field identifier
L:563 M:283 W: Missing Blank Line separator, <400> field identifier
L:612 M:283 W: Missing Blank Line separator, <400> field identifier
L:627 M:283 W: Missing Blank Line separator, <400> field identifier
L:661 M:283 W: Missing Blank Line separator, <400> field identifier
L:689 M:283 W: Missing Blank Line separator, <400> field identifier
L:704 M:283 W: Missing Blank Line separator, <400> field identifier
L:740 M:283 W: Missing Blank Line separator, <400> field identifier
L:802 M:283 W: Missing Blank Line separator, <220> field identifier
L:806 M:283 W: Missing Blank Line separator, <220> field identifier
L:810 M:283 W: Missing Blank Line separator, <220> field identifier
L:814 M:283 W: Missing Blank Line separator, <220> field identifier
L:818 M:283 W: Missing Blank Line separator, <220> field identifier
L:822 M:283 W: Missing Blank Line separator, <220> field identifier
L:826 M:283 W: Missing Blank Line separator, <220> field identifier
L:830 M:283 W: Missing Blank Line separator, <400> field identifier
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:843 M:283 W: Missing Blank Line separator, <400> field identifier
L:1022 M:283 W: Missing Blank Line separator, <400> field identifier
L:1060 M:283 W: Missing Blank Line separator, <400> field identifier
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L:1303 M:283 W: Missing Blank Line separator, <400> field identifier
L:1372 M:283 W: Missing Blank Line separator, <400> field identifier
L:1456 M:283 W: Missing Blank Line separator, <400> field identifier
L:1492 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 02/23/2006

PATENT APPLICATION: US/10/568,471

TIME: 14:31:06

Input Set : A:\Sequence Listing of Gene Overexpressed in Cancer.txt

Output Set: N:\CRF4\02232006\J568471.raw

L:1540 M:283 W: Missing Blank Line separator, <400> field identifier
L:1591 M:283 W: Missing Blank Line separator, <400> field identifier
L:1613 M:283 W: Missing Blank Line separator, <400> field identifier
L:1697 M:283 W: Missing Blank Line separator, <400> field identifier
L:1774 M:283 W: Missing Blank Line separator, <400> field identifier
L:1823 M:283 W: Missing Blank Line separator, <400> field identifier
L:1842 M:283 W: Missing Blank Line separator, <400> field identifier
L:1882 M:283 W: Missing Blank Line separator, <400> field identifier
L:9740 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:273